

Ryan Gallagher

Software Developer



Experience

Oct. 2024 - Present Daejeon, Korea
Research Center Assistant ITRC SpaceTop
Organized and managed seminars and maintained the center's website, enhancing public engagement through streamlined event coordination.

Oct. 2024 - Present Auckland, New Zealand
Intern Empathic Computing Lab
Assisting in developing a biofeedback-driven VR compassion meditation system, analyzing empirical data, programming machine learning algorithms for breath sensor data, and managing Python servers for physiological data collection.

Nov. 2021 - May 2022 Chiang Mai, Thailand
Software Engineer Simya Solutions - Ling
Developed apps using React Native, Firebase, and NodeJS. Developed websites with ReactJS, NodeJS, Firebase and Redux. Set up test, build, and deployment CI/CD pipelines in GitLab which utilized fastlane, slack and NodeJS. Created slack commands which interacted with the backend of apps/websites to automate content uploading automation.

Jul. 2021 - Sep. 2021 Zhangjiajie, China
Camp Leader Gotoco China
Taught English to Chinese children aged 6 - 14. Organised group activities and craft sessions. Worked as a member of a culturally diverse team. Acquired a TEFL certificate.

Jul. 2018 - Sep. 2018 London, United Kingdom
Summer Intern Kiwi Power
Developed web applications in Scala, React and Elm. Worked with software and firmware as part of the technology team. Performed QA of modules. Developed programs in Java and Python which analysed the performance of electrical sites.

Education

2022 - Present Daejeon, Korea
Masters in Culture Technology Korea Advanced Institute of Science and Technology (KAIST) - UVR Lab

2020 - 2021 Seoul, Korea
Korean Language Level 2 Ewha Language Center

2018 - 2019 Kowloon Tong, Hong Kong
International Year Exchange Hong Kong Baptist University

2016 - 2020 Keele, United Kingdom
BSc Honours Computer Science Keele University

Skills

Technical Skills: Python, Java, C#, C++, JavaScript, Ruby, SQL, Kotlin, React, Unity, React Native, Node.js, Firebase, fastlane, Redux, AWS, Git, Arduino, Raspberry Pi

Creative Skills: Photo Editing, Video Editing, Game Design

Interpersonal Skills: Teamwork, Cross-Cultural Collaboration, Reliability, Positivity

Extracurricular

Collaborative Hackathons and Coding Projects

KAIST Table Tennis Club Member

Language and Cultural Exchange Meetings Attendee